

Fig. 1  
(PRIOR ART)

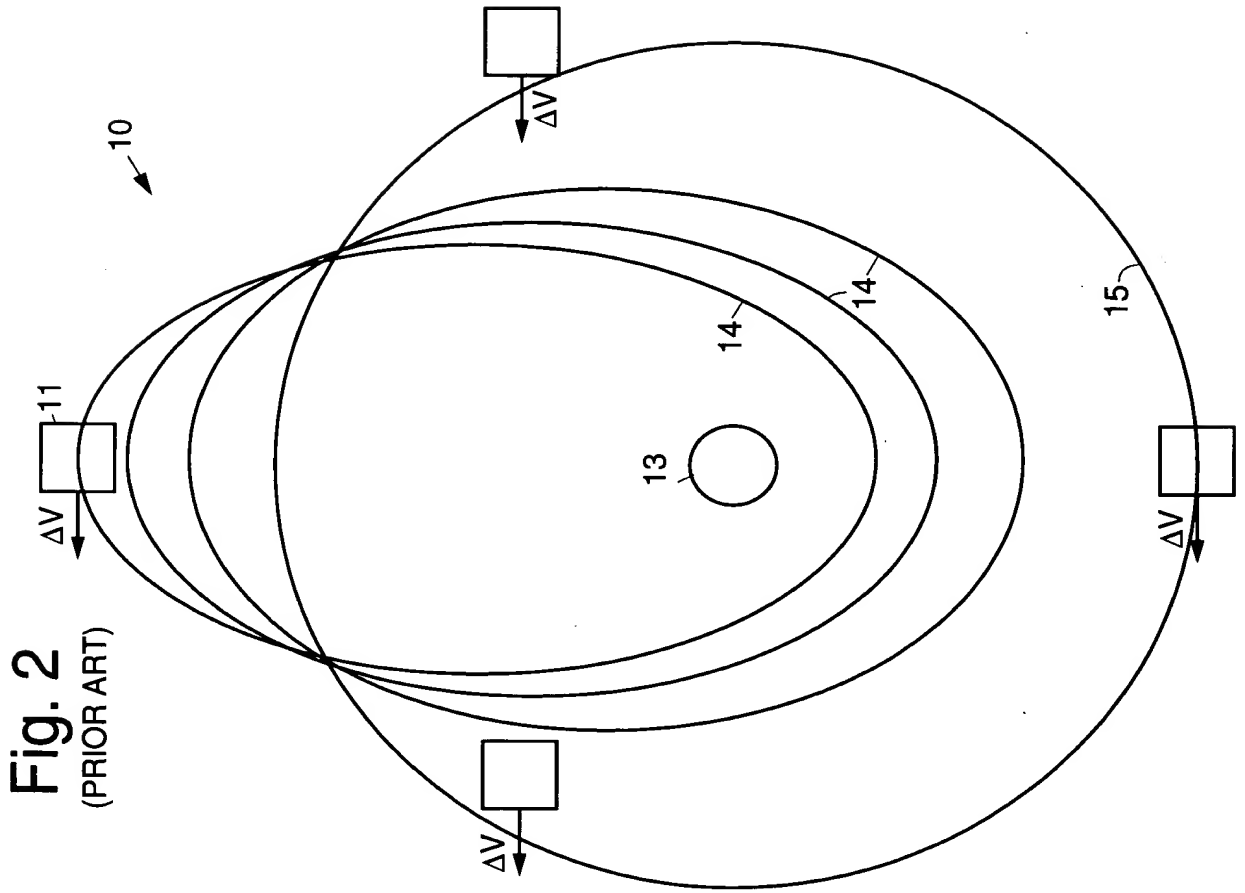


Fig. 2  
(PRIOR ART)

Fig. 3

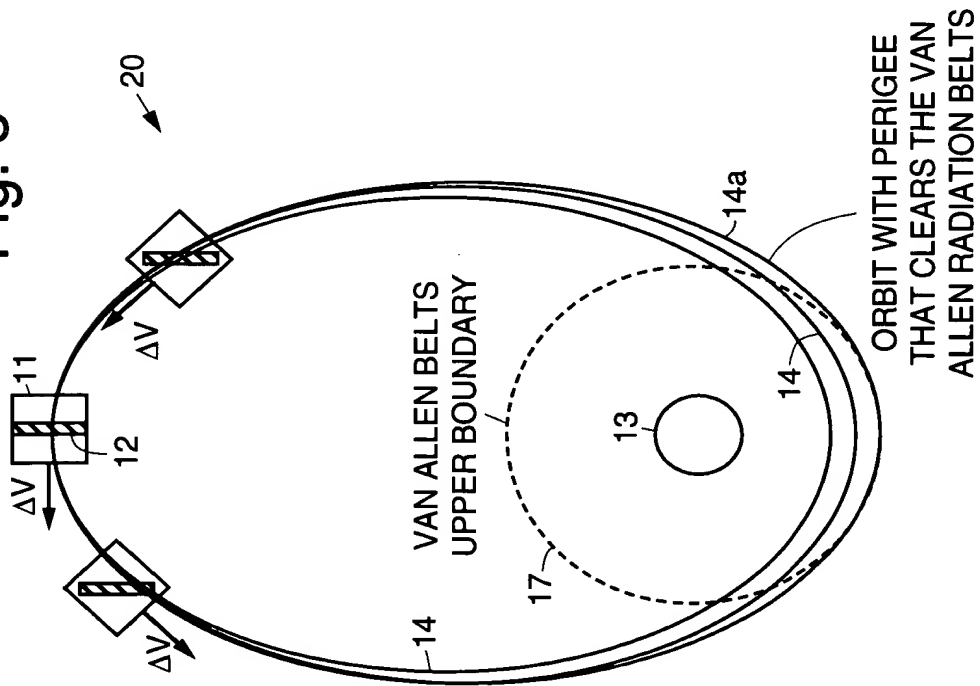


Fig. 4

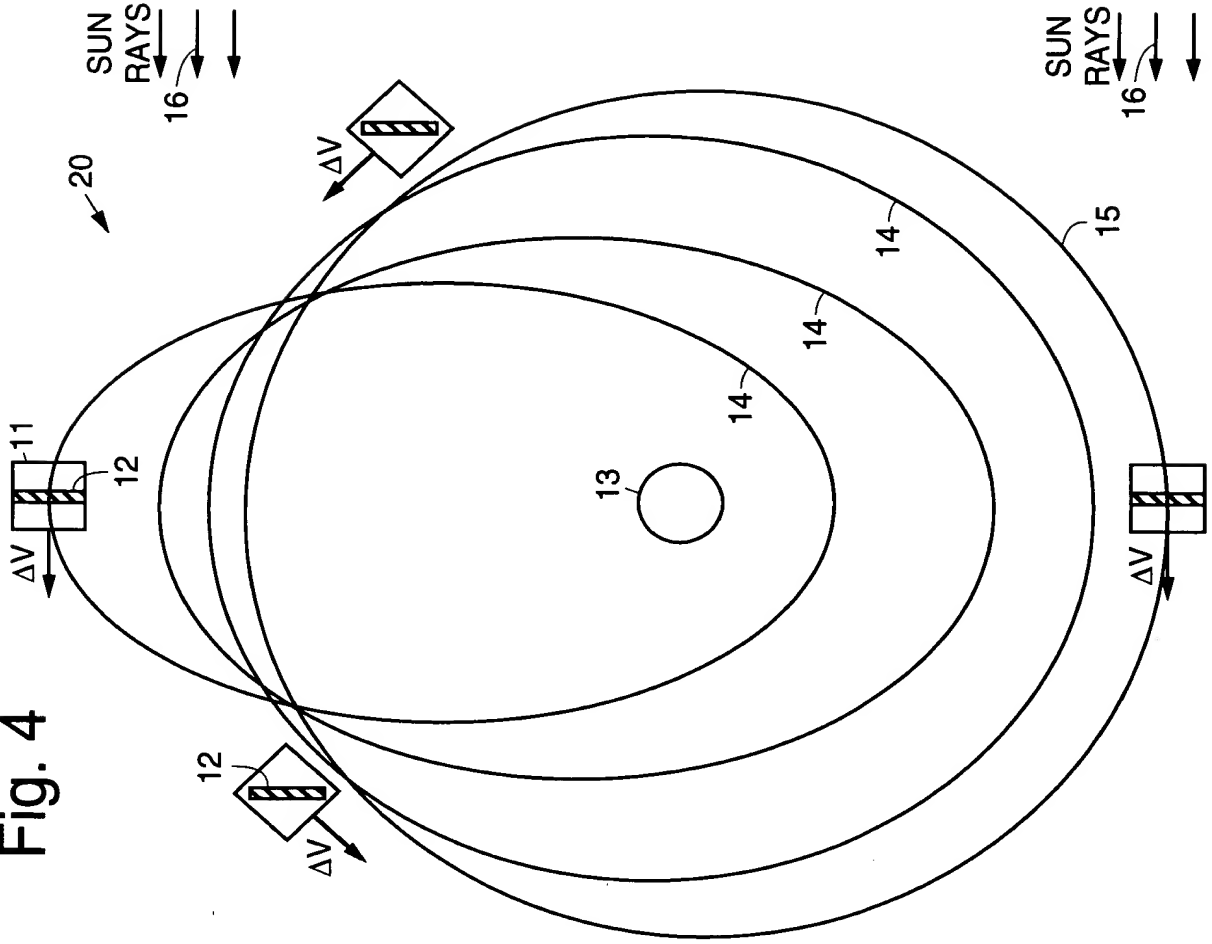


Fig. 5

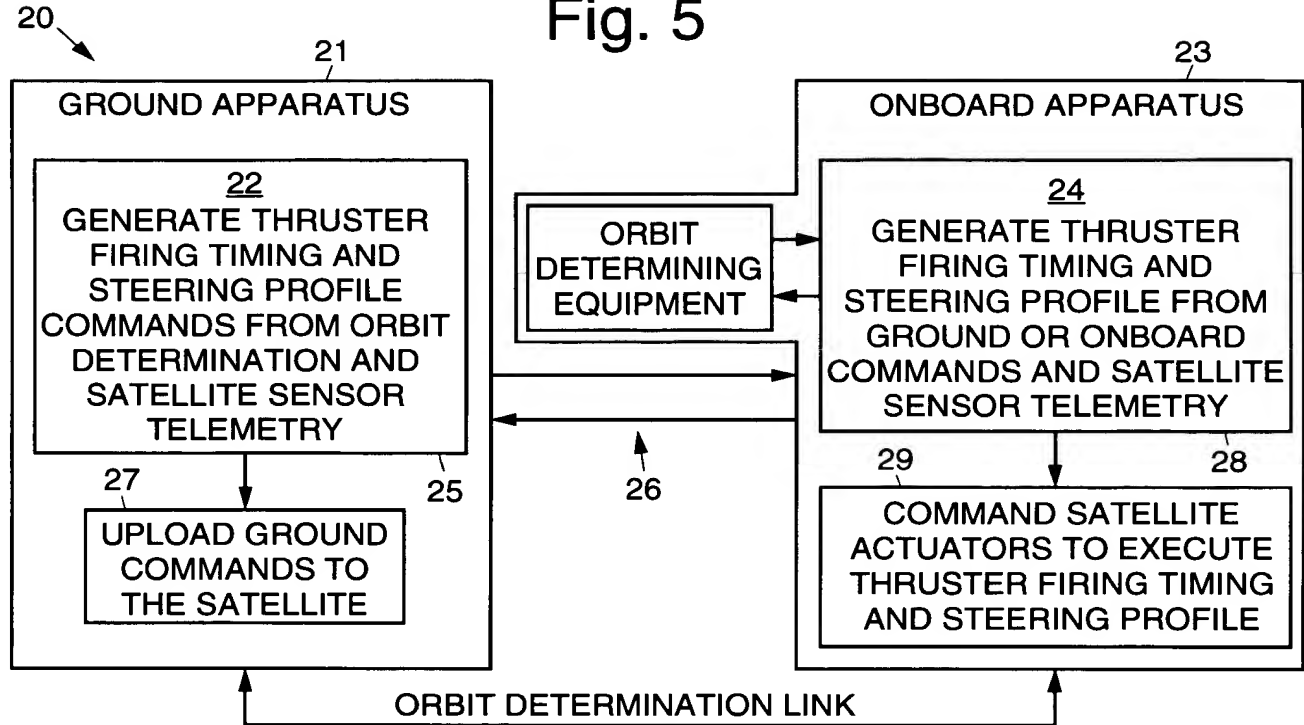


Fig. 6

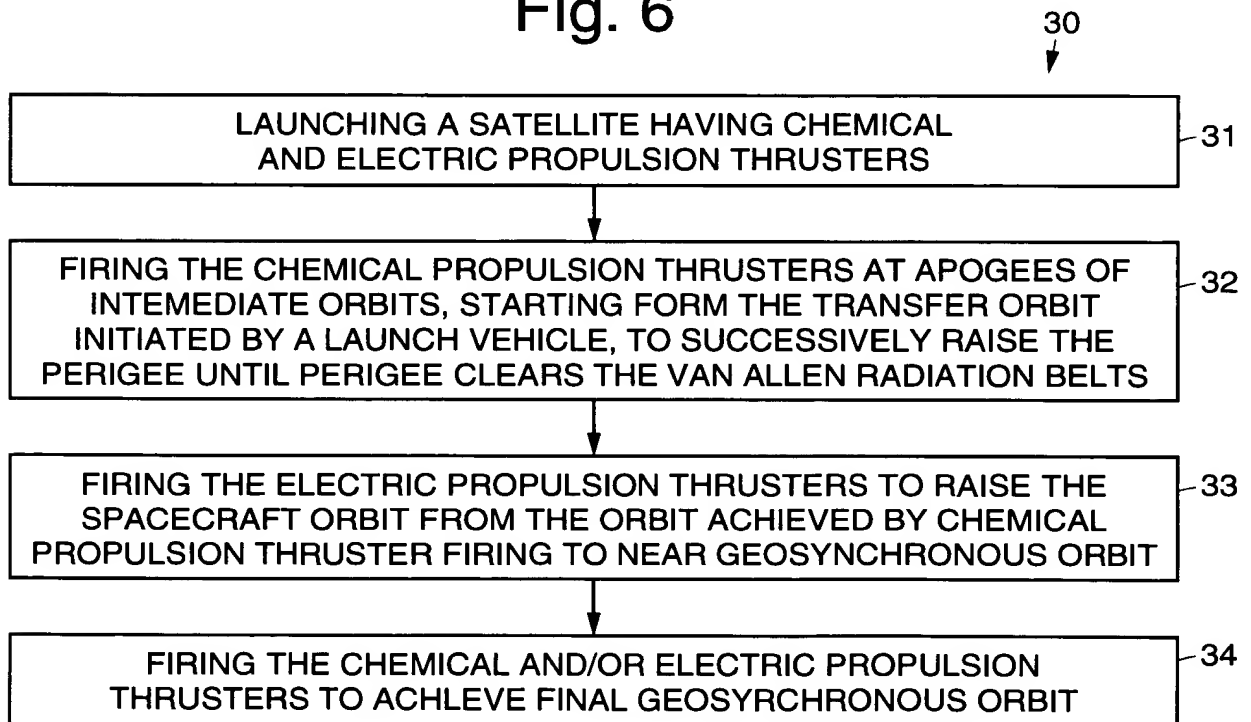


Fig. 7

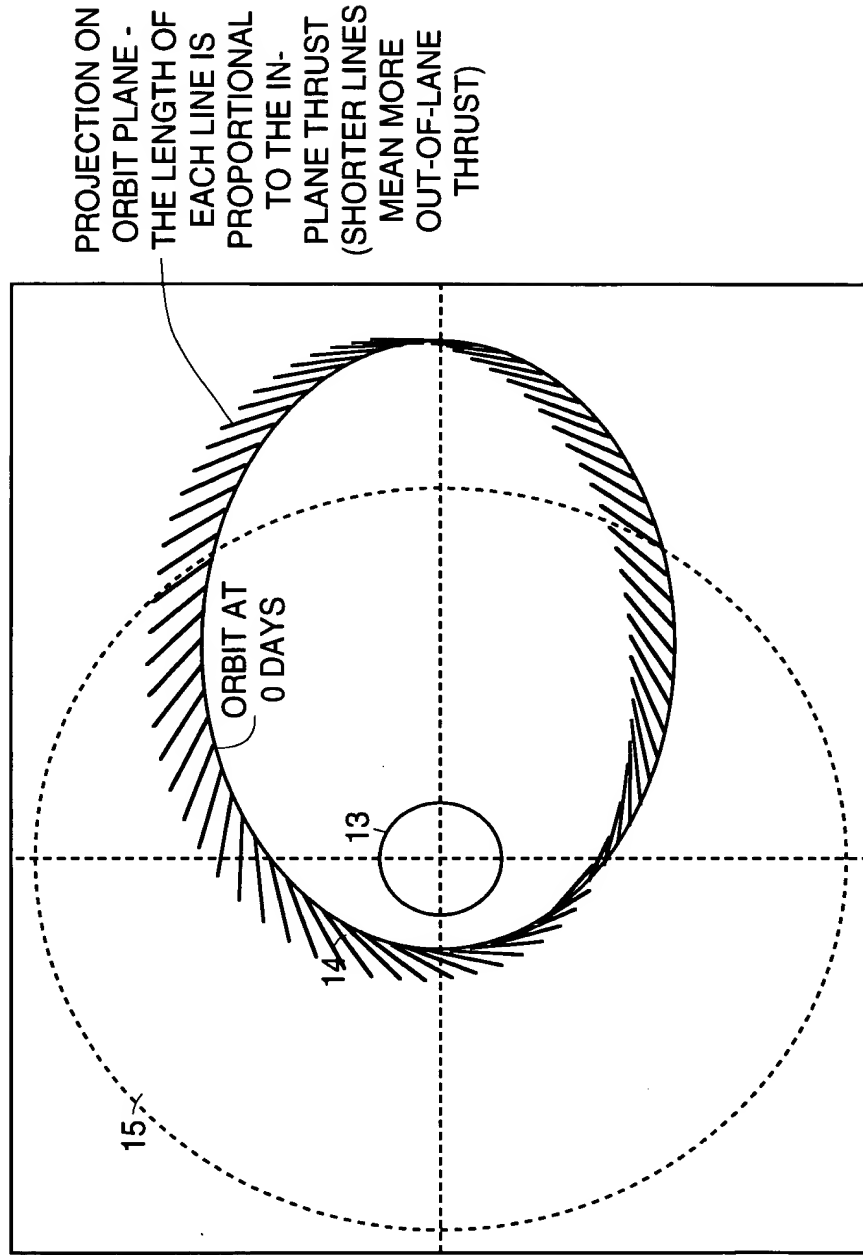


Fig. 8

## TYPICAL IN-PLANE THRUSTING PROFILE

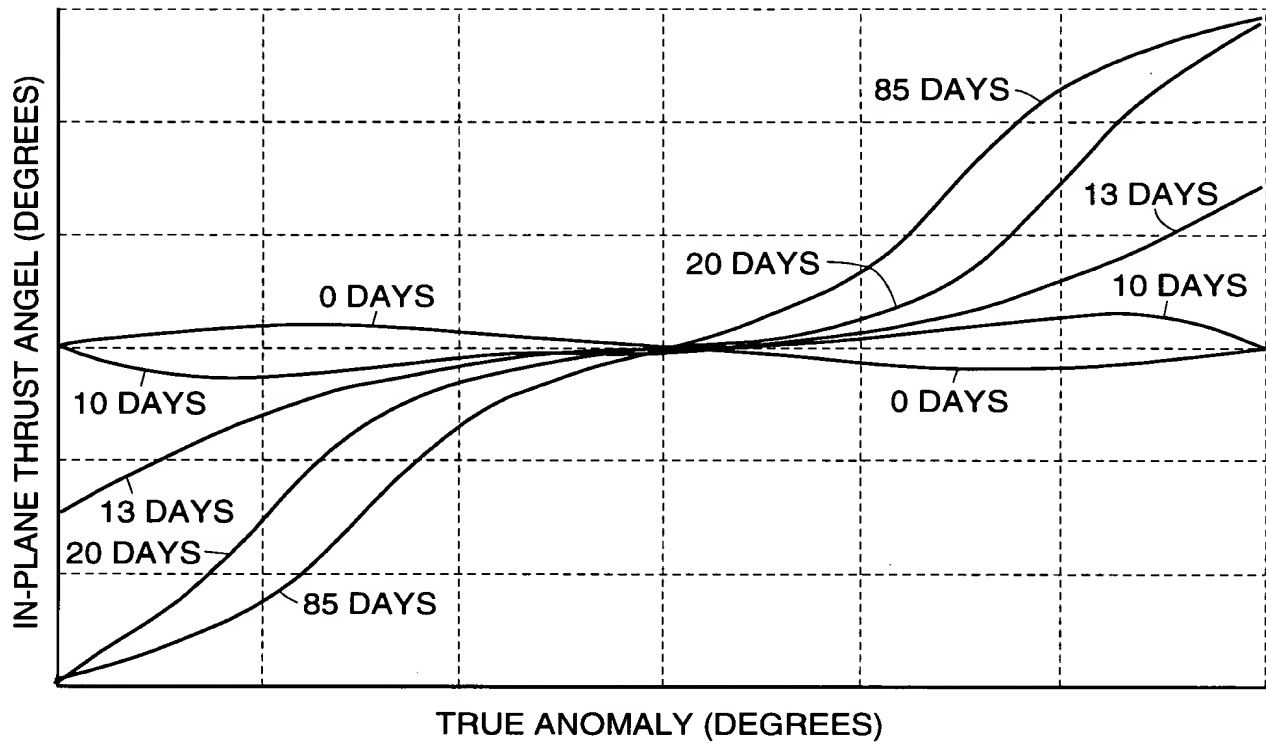
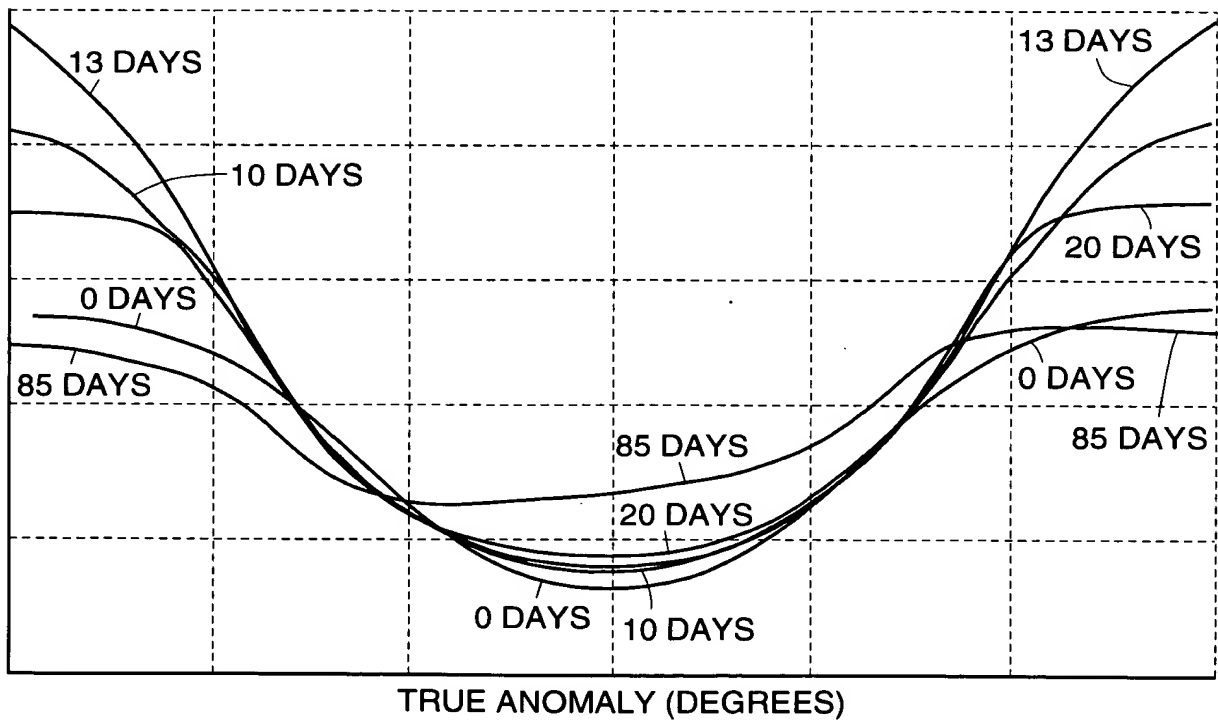


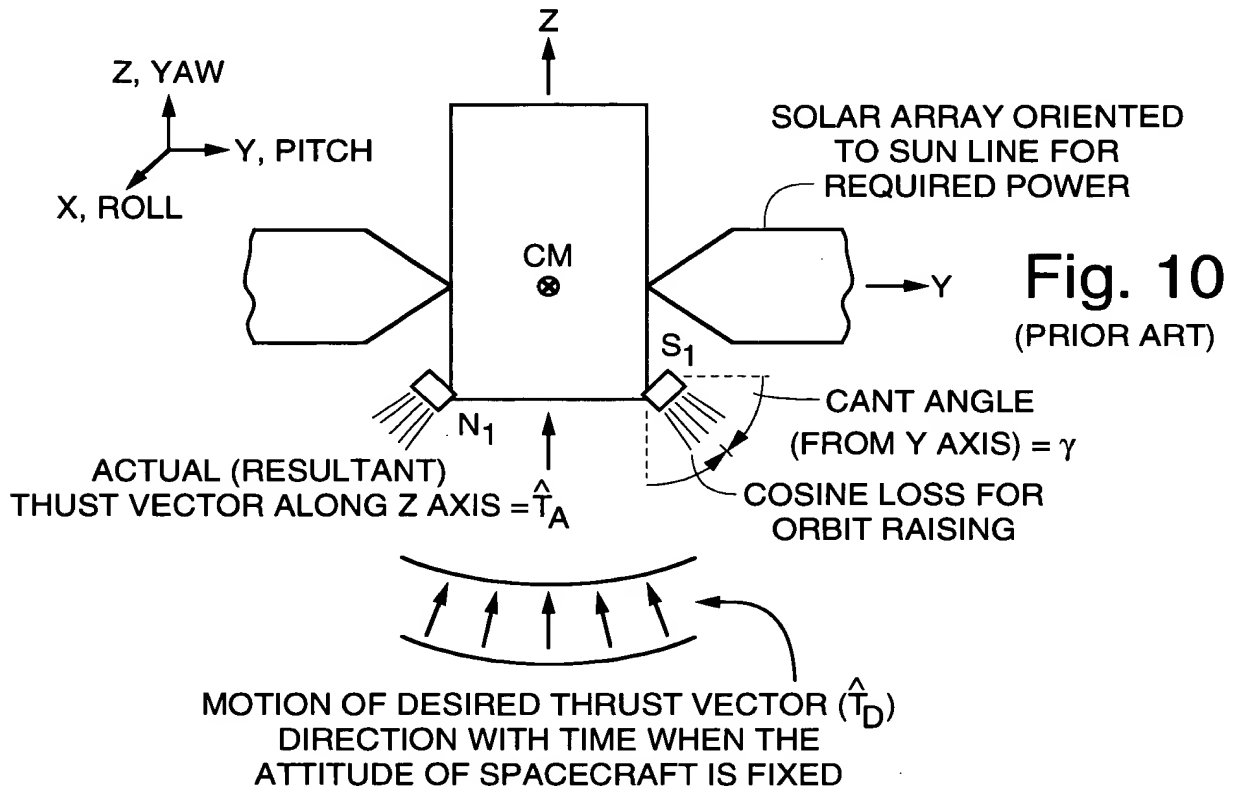
Fig. 9

## TYPICAL OUT-OF-PLANE THRUSTING PROFILE

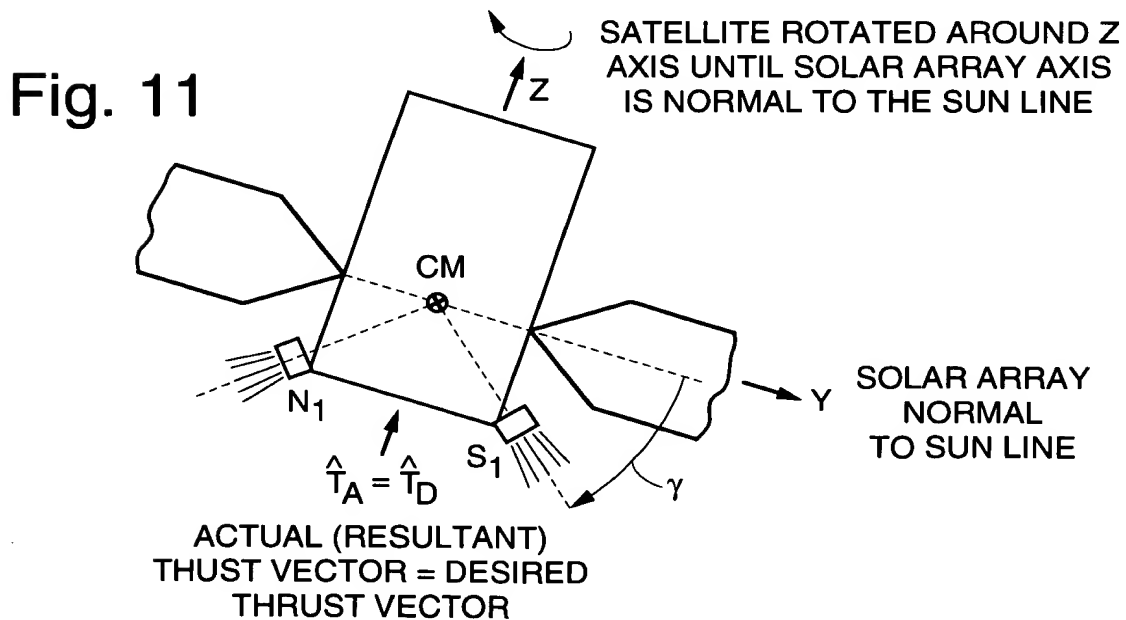


000090" T682E60

FIXED ATTITUDE - SELECTED FOR REQUIRED SOLAR ARRAY POWER -  
RESULTANT THRUST VECTOR NORMAL TO SOLAR ARRAY AXIS



SUN- $\Delta V$  STEERING - RESULTANT THRUST  
VECTOR NORMAL TO SOLAR ARRAY AXIS



# STEERING WHEN RESULTANT THRUST VECTOR IS NOT NORMAL TO SOLAR ARRAY AXIS

- SHOWN FOR THRUSTER(S) OPERATING ON ONE SIDE OF THE SATELLITE (SOUTH)
- RESULTANT THRUST VECTOR SHOWN COINCIDENT WITH DESIRED THRUST VECTOR

Fig. 12

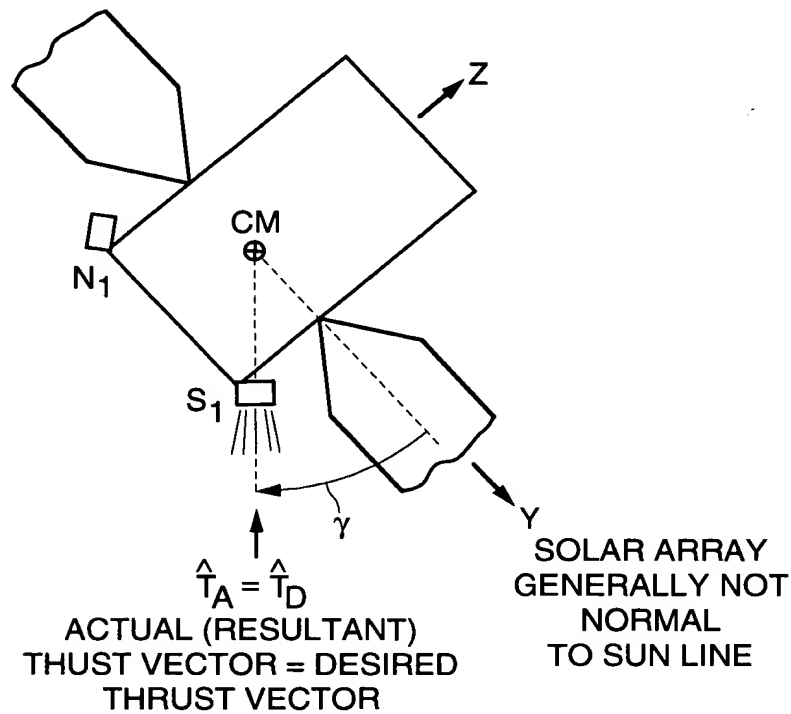
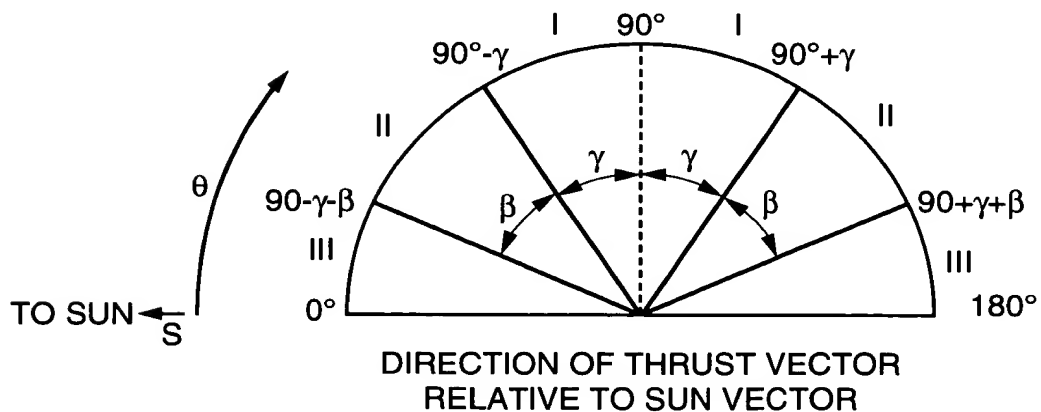


Fig. 13



**Fig. 14**



**Fig. 15**

